

Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 15, with the following amended paragraph:

Traditional image capture involves the concatenation of two reproduction processes, photography and scanning. Unfortunately, traditional photography or the use of digital cameras using three channels is inherently device metamerism and cannot reproduce the colors of the original object under different illuminants and for different observers. As a consequence, large color distortions can result during the image recording process. In other words, the colors of reproduced images may not accurately match the colors of the original scene or object. Furthermore, the variance in match equality due to device ~~metamerism~~ metamerism can be large, resulting in a dramatic reduction in color quality. Consequently, unless the color components in a reproduced image spectrally match those of the original image, metamerism will occur resulting in an observable difference between the original and the reproduced image under different light